

ABSTRACT OF THE DISCLOSURE

A wireless local loop system includes a base station connected to a data network/PSTN gateway via a data line. Wireless subscriber units communicate with the base station via respective interfaces to telephone hosts. An analog converter translates incoming IP packets into analog voice fed to the telephone host. It also receives and translates incoming analog voice from the telephone host into switched IP packets fed to the subscriber unit and routed, for hosts other than the telephone host to those hosts, and routed, for the telephone host to the analog converter. The base station switches incoming IP packets based on IP destination address and the gateway switches incoming data packets onto the data network, to translate incoming voice packets from IP packet format into analog voice and to switch the analog voice onto the PSTN.